| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 9 | "6,525,611" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 09:21 |
| S2 | 779 | (330/279).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:32 |
| S3 | 2 | ("6,525,611").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:35 |
| S4 | 4 | ("3,912,981").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:35 |
| S5 | 10 | ("3526810" \| "3536958" \| "3544845" \| "3599042" \| "3777216" \| "3792316" \| "3819952").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 09:36 |
| S6 | 11 | ("3912981").URPN. | USPAT | OR | OFF | 2005/12/16 09:40 |
| S7 | 3 | "6,351,189" | USPAT | OR | OFF | 2005/12/16 09:41 |
| S8 | 12 | ("3984783" \| "4458213" \| "5406225" \| "5422522" \| "5589796" \| "5625322" \| "5920808" \| "6052032" \| "6091302" \| "6111466" \| "6148220" \| "6194968").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 09:41 |
| S9 | 9 | ("5036228" \| "5052121" \| "5132632" \| "5369319" \| "5724004" \| "5774017" \| "5790943" \| "5880635" \| "6008698").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 09:43 |
| S10 | 7 | ("3166719" \| "3513406" \| "3553599" \| "3708756").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 09:54 |
| S11 | 13720 | (radio adj frequency RF) same (power adj amplifiers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 09:54 |
| S12 | 1571 | S11 same (high adj frequency AC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 09:55 |

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| S13 | 87 | S12 same (shunt shuntting shunting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 09:55 |
| S14 | 36 | S13 same (input) same (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 09:56 |
| S15 | 9 | S14 same (switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 09:57 |
| S16 | 1893 | shunt adj switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:57 |
| S17 | 414 | S16 same input | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:57 |
| S18 | 222 | S17 same signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:58 |
| S19 | 85 | S18 same (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 09:58 |
| S20 | 6 | S19 same (ramp gradual$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:01 |
| S21 | 0 | 10/767,045 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:01 |
| S22 | 0 | 10/767,045 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:01 |

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|---|---|---|---|---|---|---|
| S23 | 0 | "10767,045" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:01 |
| S24 | 0 | "10767045" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:01 |
| S25 | 0 | ("10767045").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:01 |
| S26 | 0 | (10/767,045).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:01 |
| S27 | 0 | 10/767,045 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:02 |
| S28 | 0 | 10/767045 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:02 |
| S29 | 0 | "10767045" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:02 |
| S30 | 3 | ("4,019,150").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:02 |
| S31 | 24 | ("4019150").URPN. | USPAT | OR | OFF | 2005/12/16 10:14 |
| S32 | 2 | ("5,929,709").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:20 |
| S33 | 2 | ("6,278,328").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/16 10:20 |

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|---|---|---|---|---|---|---|
| S34 | 2 | ("6278328").URPN. | USPAT | OR | OFF | 2005/12/16 10:23 |
| S35 | 4 | ("3098199" \| "4232272" \| "5982236").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 10:27 |
| S36 | 2 | ("6,476,677").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:28 |
| S37 | 2 | ("6,525,611").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:53 |
| S38 | 707105 | (radio high ultra) near3 (frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:54 |
| S39 | 83027 | S38 same (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:55 |
| S40 | 30574 | S38 same (amp amplifier) same power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:55 |
| S41 | 13414 | S38 same power near2 (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:56 |
| S42 | 446 | S41 same (protect$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:56 |
| S43 | 45 | S42 same (shunt shunting shut shuts shutdown shutting short) same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 10:59 |
| S44 | 105 | S42 same (shunt shunting shut shuts shutdown shutting short) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 11:03 |

| S45 | 0 | ((high ultra radio) near3 frequency) (amp amplifier) (input adj signal) (shunt shunting shut shuts shutting) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:06 |
|-----|---|---|---|---|---|---|
| S46 | 1 | (input adj signal) (shunt shunting shut shuts shutting) (ground) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:06 |
| S47 | 0 | (input adj signal) near3 (shunt shunting shut shuts shutting) near3 (ground) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:07 |
| S48 | 0 | (input adj signal) near4 (shunt shunting shut shuts shutting) near4 (ground) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:08 |
| S49 | 0 | (input adj signal) near3 (shunt shunting shut shuts shutting) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:08 |
| S50 | 1 | (input adj signal) (shunt shunting shut shuts shutting) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:09 |
| S51 | 0 | (input adj signal) (shunt shunting shut shuts shutting) 330/279.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:09 |
| S52 | 0 | (input adj signal) (shunt shunting shut shuts shutting) 455/126.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:10 |
| S53 | 0 | (input adj signal) (shunt shunting shut shuts shutting) 330/207.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:10 |
| S54 | 1 | (input adj signal) (shunt shunting shut shuts shutting) 330/296.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:11 |

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| S55 | 0 | (input adj signal) (shunt shunting shut shuts shutting) 330/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:12 |
| S56 | 0 | (input adj signal) (shunt shunting shut shuts shutting) 455/117.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:11 |
| S57 | 0 | (input adj signal) (shunt shunting shut shuts shutting) 330/277.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:11 |
| S58 | 0 | (shunt shunting shut shuts shutting) 330/277.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:11 |
| S59 | 566914 | (shunt shunting shut shuts shutting) 330/277.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 11:11 |
| S60 | 1006819 | (input adj signal) (shunt shunting shut shuts shutting) 330/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 11:12 |
| S61 | 619686 | (input adj signal) (shunt shunting ) 330/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 11:12 |
| S62 | 1880 | (input adj signal) near1 (shunt shunting ) 330/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 11:13 |
| S63 | 0 | (input adj signal) near1 (shunt shunting ) 330/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:16 |
| S64 | 1 | (high adj frequency HF) 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:18 |

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| S65 | 1 | (shunt shutting shunting) 330/298. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:18 |
| S66 | 819 | 330/298.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:18 |
| S67 | 779 | 330/279.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:18 |
| S68 | 0 | 330/207.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:19 |
| S69 | 1695 | 330/10.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:19 |
| S70 | 1049 | 330/296.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:30 |
| S71 | 0 | 330/296.ccls. and ((high or ultra or radio) adj frequency) and (shunt shunting shut shuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:33 |
| S72 | 0 | 330/279.ccls. and ((high or ultra or radio) adj frequency) and (shunt shunting shut shuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:33 |
| S73 | 1 | 330/298.ccls. and ((high or ultra or radio) adj frequency) and (shunt shunting shut shuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:34 |
| S74 | 5 | ("3769586").URPN. | USPAT | OR | OFF | 2005/12/16 11:33 |
| S75 | 1 | 330/278.ccls. and ((high or ultra or radio) adj frequency) and (shunt shunting shut shuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:38 |

| S76 | 4 | ("6684065").URPN. | USPAT | OR | OFF | 2005/12/16 11:36 |
|---|---|---|---|---|---|---|
| S77 | 17 | ("3641450" \| "4211975" \| "5077541" \| "5581213" \| "5625307" \| "5668502" \| "5715012" \| "5737035" \| "5742203" \| "5828265" \| "5896063" \| "5949285" \| "5949286" \| "6049251" \| "6150881" \| "6373337" \| "6445251").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 11:36 |
| S78 | 1 | 330/278.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:39 |
| S79 | 5 | 330/279.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:53 |
| S80 | 2 | 330/298.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:44 |
| S81 | 0 | 330/250.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:45 |
| S82 | 0 | 330/207.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:45 |
| S83 | 1 | 330/207P.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:45 |
| S84 | 0 | 330/207R.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:45 |
| S85 | 2 | 330/296.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:47 |

| S86 | 1 | 330/277.ccls. and ((high or ultra or radio) adj frequency) and (power adj (amp amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:47 |
|-----|-----|-----|-----|-----|-----|-----|
| S87 | 1 | 330/279.ccls. and ( RF or radio adj frequency) and (power adj (amp amplifier)) and (protect$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/16 11:54 |
| S88 | 0 | ( RF or radio adj frequency) (power adj (amp amplifier)) (protect$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/16 11:54 |
| S89 | 625 | ( RF or radio adj frequency) same (power adj amplifier or amp) same (protect$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/16 11:55 |
| S90 | 0 | S89 same (shunt shunted shutting shunting) same (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/16 11:56 |
| S91 | 0 | S89 same (shunt shunted shutting shunting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/16 11:56 |
| S92 | 60 | S89 same (shunt shunted shutting shunting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 12:38 |
| S93 | 1 | ("6366766").URPN. | USPAT | OR | OFF | 2005/12/16 12:02 |
| S94 | 3 | ("4,019,150").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 12:55 |

| S95 | 198 | (("5331290") or ("5689817") or ("5760651") or ("4268797") or ("4573026") or ("4802360") or ("5268649") or ("5422598") or ("5442322") or ("5473498") or ("5479160") or ("5559471") or ("5640129") or ("5640212") or ("5710519") or ("5893028") or ("5898911") or ("5955927") or ("5960333") or ("5994965") or ("6107892") or ("6169912") or ("6175274") or ("6208846") or ("6215355") or ("6215355") or ("3823379") or ("4031469") or ("4247946") or ("4288875") or ("4353037") or ("4365192") or ("4367443") or ("4380089") or ("4388649") or ("4403346") or ("4409087") or ("4458209") or ("4468610") or ("4514706") or ("4523155") or ("4528698") or ("4568926") or ("4587497") or ("4590437") or ("4590436") or ("4602218") or ("4603302") or ("4605910") or ("4630315).pn.") or ("(4761798") or ("4766400") or ("4825173") or ("4827267") or ("4837623") or ("4851790") or ("4888558") or ("4890071") or ("4918405") or ("4937466") or ("4947455") or ("4949050") or ("4970456") or ("4980810") or ("4994757") or ("5003271") or ("5005419") or ("5008632") or ("5070309") or ("5193219") or ("5196808") or ("5216376") or ("5218325") or ("5251330") or ("5262957") or ("5287555") or ("5291150") or ("5302868") or ("5303395") or ("5309114") or ("5319315") or ("5337020") or ("5339048") or ("5343255") or ("5365190") or ("5381109") or ("5381115") or ("5387864") or ("5392007") or ("5392464") or ("5398002") or ("5404585") or ("5406237") or ("5410276") or ("5428829") or ("5430416") or ("5436592") or ("5448770") or ("5461341") or ("5467034).pn.")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 15:49 |
| S96 | 0 | ("5955927").URPN. | USPAT | OR | OFF | 2005/12/16 13:08 |
| S97 | 3 | ("5179353" \| "5451901" \| "6208209").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 13:08 |

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| S98 | 23 | ("3514710" \| "4041396" \| "4158180" \| "4320350" \| "4447783" \| "4495648" \| "4510460" \| "4523155" \| "4578603" \| "4593409" \| "4602218" \| "4613990" \| "4654882" \| "4709403" \| "4723304" \| "4797632" \| "4870698" \| "5029298" \| "5083096" \| "5107225" \| "5132634" \| "5146180").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 13:17 |
| S99 | 41 | protect$5 near3 (RF or radio adj frequency) near3 (power adj (amp or amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:25 |
| S100 | 2 | ("6,762,647").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 15:57 |
| S101 | 6 | ("20030045251" \| "4199797" \| "4631737" \| "5179353" \| "6208209" \| "6580321").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 16:22 |
| S102 | 0 | protect$5 near3 (RF or radio adj frequency) near3 (power adj (amp or amplifier)) same (NMOS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:26 |
| S103 | 48010 | protect$5 near3 (RF or radio adj frequency) near3 (power adj (amp or amplifier)) (NMOS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:26 |
| S104 | 0 | S99 same (NMOS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:27 |
| S105 | 0 | S99 same (linear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 17:28 |
| S106 | 0 | S99 same (RC or ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 17:28 |
| S107 | 2 | ("4,199,797").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:31 |

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| S10 8 | 2 | ("5373251" \| "5757237").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 17:56 |
| S10 9 | 108 | (shunt shutting shunted shuntting) near3 (input adj signal) same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:58 |
| S11 0 | 20 | S109 same (power) same (amp or amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:58 |
| S11 1 | 5 | S109 same (power) near3 (amp or amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/16 17:58 |
| S11 2 | 1 | (shunt shutting shunted shuntting) adj2 (input adj signal) same (AC adj2 ground) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/16 17:59 |
| S11 3 | 4 | 330/279.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:33 |
| S11 4 | 11 | ("5077541" \| "5432478" \| "5684431" \| "6002356" \| "6232908" \| "6255906" \| "6377117" \| "6577196" \| "6597898" \| "6608524" \| "6621345").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/18 18:26 |
| S11 5 | 1 | ("6798286").URPN. | USPAT | OR | OFF | 2005/12/18 18:28 |
| S11 6 | 6 | ("4429285").URPN. | USPAT | OR | OFF | 2005/12/18 18:33 |
| S11 7 | 0 | 330/279.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:34 |
| S11 8 | 0 | 330/278.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:35 |

| S11 9 | 0 | 330/296.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:35 |
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| S12 0 | 0 | 330/250.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:35 |
| S12 1 | 0 | 330/207P.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:35 |
| S12 2 | 0 | 330/207R.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:36 |
| S12 3 | 0 | 330/51.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:36 |
| S12 4 | 0 | 330/127.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:36 |
| S12 5 | 0 | 330/129.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:36 |
| S12 6 | 0 | 330/285.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:37 |
| S12 7 | 0 | 330/277.ccls. and (RC or ramp) and (discharg$3) and (gradual$6) and (releases or releasing) near3 (input) and (signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 18:37 |
| S12 8 | 1380 | (RC or ramp) same (discharg$3) same (gradual$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:38 |

| S129 | 1 | S128 same (shunt adj switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:38 |
|---|---|---|---|---|---|---|
| S130 | 341 | S128 same input | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:39 |
| S131 | 240 | S130 same signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:39 |
| S132 | 119 | S131 same (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:40 |
| S133 | 6 | S132 same (protect$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:40 |
| S134 | 9 | S131 same power adj (amp or amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/18 18:41 |
| S135 | 11 | ("5408133" \| "5532645" \| "5619115" \| "5825218" \| "6169886" \| "6194886" \| "6316972" \| "6356151" \| "6369626" \| "6392486" \| "6414537").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/18 18:50 |
| S136 | 6 | (("5,108,133") or ("5,523,645") or ("6,169,886")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/18 18:52 |
| S137 | 0 | ("invertersamedelaysamebuffersam erampsameshunt").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/18 18:52 |
| S138 | 0 | inverter same delay same buffer same ramp same shunt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/18 18:53 |

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|---|---|---|---|---|---|---|
| S13 9 | 7 | 330/279.ccls. (Mosfet or FET or NMOS) and (delay) and (RC or ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:42 |
| S14 0 | 6 | 330/298.ccls. (Mosfet or FET or NMOS) and (delay) and (RC or ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:48 |
| S14 1 | 0 | 330/298.ccls. (peak) and (detect$3) and (monitor or monitoring) and (output) and (control adj switch) and (delay) and (bias biasing biased) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:50 |
| S14 2 | 23 | 330/298.ccls. (peak) and (detect$3) and (monitor or monitoring) and (output) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:51 |
| S14 3 | 16 | 330/298.ccls. (peak) and (detect$3) and (monitor or monitoring) and (output) and (control$4) and (switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:51 |
| S14 4 | 12 | 330/298.ccls. (peak) and (detect$3) and (monitor or monitoring) and (output) and (control$4) and (switch) and (bias$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:54 |
| S14 5 | 6 | 330/298.ccls. (peak) and (detect$3) and (monitor or monitoring) and (output) and (control$4) and (gradua$6 or steady) and (switch) and (bias$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 19:58 |
| S14 6 | 39 | 330/298.ccls. (control$4) and (gradua$6 or steady or slew adj rate or asymmetrical) and (switch) and (bias$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:01 |
| S14 7 | 49 | 330/298.ccls. (control$4) and (gradua$6 or steady or slew adj rate or asymmetrical) and (switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:02 |
| S14 8 | 3 | 330/298.ccls. (control$4) and (gradua$6 or steady or slew adj rate or asymmetrical) and (releas$4) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:04 |

| S14 9 | 0 | 330/298.ccls. (control$4) and (gradua$6) near2 (releas$4) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:05 |
|---|---|---|---|---|---|---|
| S15 0 | 0 | 330/298.ccls. (control$4) and (gradua$6) near3 (releas$4) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:05 |
| S15 1 | 0 | 330/298.ccls. (gradua$6) near3 (releas$4) near4 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:06 |
| S15 2 | 0 | 330/298.ccls. (transistor or switch ) and (gradua$6) and (releas$4) near4 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:06 |
| S15 3 | 3 | 330/298.ccls. (transistor or switch ) and (gradua$6) and (releas$4) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:09 |
| S15 4 | 0 | 330/298.ccls. (transistor or switch ) and (gradua$6) and (releas$4) and (input adj signal) and (RC or ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/18 20:09 |
| S15 5 | 3904 | switch same (control$3) same (delay$3) same (predetermine$3) same (shunt shunting shut shutting shuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:30 |
| S15 6 | 279 | S155 same power same (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:29 |
| S15 7 | 27 | S155 same power adj (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:29 |
| S15 8 | 2 | S157 same (RF or radio adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:30 |

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| S15 9 | 255 | switch adj (control$3) same (delay$3) same (predetermine$3) same (shunt shunting shut shutting shuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:31 |
| S16 0 | 0 | S159 same (Mosfet FET NMOS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:31 |
| S16 1 | 167 | switch adj (control$3) same (delay$3) same (predetermine$3) same (shunt shunting shut shutting shuts) same (current or voltage or input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:44 |
| S16 2 | 0 | S161 same power adj (amp or amplifiers) same (RF radio adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:38 |
| S16 3 | 0 | S161 same power adj (amp or amplifiers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:38 |
| S16 4 | 16 | S161 same (amp or amplifiers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 09:39 |
| S16 5 | 0 | S164 same (RF or radio adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 09:39 |
| S16 6 | 0 | 330/279.ccls. and switch adj (control$3) same (delay$3) same (predetermine$3) same (shunt shunting shut shutting shuts) same (current or voltage or input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:45 |
| S16 7 | 0 | 330/279.ccls. and switch adj (control$3) same (delay$3) same (predetermine$3) same (shunt shunting shut shutting shuts) same (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:46 |
| S16 8 | 0 | 330/279.ccls. and switch adj (control$3) and (delay$3) and (predetermine$3) and (shunt shunting shut shutting shuts) adj2 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:47 |

| S16 9 | 0 | 330/279.ccls. and switch adj (control$3) and (delay$3) and (predetermine$3) and (shunt shunting shut shutting shuts) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:47 |
|---|---|---|---|---|---|---|
| S17 0 | 0 | 330/298.ccls. and switch adj (control$3) and (delay$3) and (predetermine$3) and (shunt shunting shut shutting shuts) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:47 |
| S17 1 | 0 | 330/296.ccls. and switch adj (control$3) and (delay$3) and (predetermine$3) and (shunt shunting shut shutting shuts) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:57 |
| S17 2 | 0 | 330/207P.ccls. (shunt shunting shut shutting shuts) and switch adj (control$3) and (gradua$6 or ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:58 |
| S17 3 | 0 | 330/207P.ccls. (shunt shunting shut shutting shuts) and switch adj (control$3) and (gradua$6 ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:58 |
| S17 4 | 0 | 330/207P.ccls. (shunt shunting shut shutting shuts) and switch and (gradua$6 ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:45 |
| S17 5 | 0 | 330/298.ccls. (shunt shunting shut shutting shuts) and switch and (gradua$6 ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 09:59 |
| S17 6 | 38 | 330/298.ccls. (gradua$6 ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 10:10 |
| S17 7 | 3 | 330/298.ccls. (gradua$6 ) and (releas$3) and (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 10:13 |
| S17 8 | 0 | 330/298.ccls. (gradua$6 ) near2 (releas$3) near2 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 10:14 |

| S179 | 0 | 330/298.ccls. (gradua$6 ) same (releas$3) same (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:14 |
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| S180 | 0 | 330/207P.ccls. (gradua$6 or var$5) same (shunt shunting shut shuts shutting) same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:17 |
| S181 | 0 | 330/207P.ccls. (gradua$6 or var$5) and (shunt shunting shut shuts shutting) and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:17 |
| S182 | 0 | 330/207P.ccls. (var$5) and (shunt shunting shut shuts shutting) and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:17 |
| S183 | 0 | 330/207P.ccls. (shunt shunting shut shuts shutting) and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:18 |
| S184 | 492 | 330/207P.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:18 |
| S185 | 1 | 330/207P.ccls. (shunt shunting shut shuts shutting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:19 |
| S186 | 0 | 330/298.ccls. (shunt shunting shut shuts shutting) same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:19 |
| S187 | 0 | 330/298.ccls. (shunt shunting shut shuts shutting) same (gradua$6 or var$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:20 |
| S188 | 1 | 330/298.ccls. (shunt shunting shut shuts shutting) (gradua$6 or var$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:21 |

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| S18 9 | 0 | 455/117.ccls. (shunt shunting shut shuts shutting) (switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:21 |
| S19 0 | 0 | 455/117.ccls. and (shunt shunting shut shuts shutting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:21 |
| S19 1 | 0 | 455/115.ccls. and (shunt shunting shut shuts shutting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:22 |
| S19 2 | 0 | 455/115.ccls. and (shunt or shunting or shut or shuts or shutting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:23 |
| S19 3 | 0 | 455/115.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:23 |
| S19 4 | 517 | 455/117.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:23 |
| S19 5 | 95 | 455/117.ccls. and (shunt or shunting or shut or shuts or shutting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:23 |
| S19 6 | 55 | 455/117.ccls. and (shunt or shunting or shut or shuts or shutting) and (switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:23 |
| S19 7 | 4 | 455/117.ccls. and (shunt or shunting or shut or shuts or shutting) and (switch) and (amp amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:24 |
| S19 8 | 11 | 455/117.ccls. and (shunt or shunting or shut or shuts or shutting) and (switch) and (RF radio adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:28 |

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| S199 | 1 | 455/117.ccls. and (shunt or shunting or shut or shuts or shutting) adj (switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 11:28 |
| S200 | 3 | ("6,603,335").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 12:36 |
| S201 | 2 | ("4,983,931").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 11:52 |
| S202 | 2 | ("5,108,133").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 11:53 |
| S203 | 2 | ("5,523,645").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 11:54 |
| S204 | 2 | ("6,169,886").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 14:53 |
| S205 | 2 | ("5,150,075").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 12:36 |
| S206 | 1893 | shunt adj switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 12:39 |
| S207 | 1 | S206 same power adj (amp or amplifiers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 12:53 |
| S208 | 2 | 330/277.ccls. and (shunt adj switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2005/12/19 12:54 |

| S209 | 168 | 330/277.ccls. and (shunt ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2005/12/19 12:54 |
|---|---|---|---|---|---|---|
| S210 | 39 | 330/277.ccls. and (shunt ) and (RF or radio adj frequency) and (power adj (amp or amplifier)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2005/12/19 13:38 |
| S211 | 3 | 330/277.ccls. and (shunt ) adj circuit$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2005/12/19 13:40 |
| S212 | 0 | 330/277.ccls. and (shunt ) adj circuit$2 near2 input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 13:40 |
| S213 | 0 | 330/277.ccls. and (shunt ) adj circuit$2 same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 13:40 |
| S214 | 3 | 330/277.ccls. and (shunt ) adj circuit$2 and input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:06 |
| S215 | 1 | 330/277.ccls. and (control) adj circuit$2 and (ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 13:43 |
| S216 | 0 | 330/277.ccls. and (control) adj circuit$2 and (ramp) and RC | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 13:44 |
| S217 | 1 | 330/277.ccls. and (control) adj circuit$2 and (shunt adj switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 13:44 |
| S218 | 0 | 330/277.ccls. and (shunt ) adj circuit$2 and input adj signal near2 ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:06 |

| S219 | 0 | 330/277.ccls. and (shunt ) adj circuit$2 and input adj signal adj ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:07 |
|---|---|---|---|---|---|---|
| S220 | 3 | 330/277.ccls. and (shunt ) adj circuit$2 and input adj signal and ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:31 |
| S221 | 0 | 330/277.ccls. and (shunt ) adj circuit$2 and input adj signal and ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:31 |
| S222 | 4 | 330/277.ccls. and (shunt or shunted or shuntting) and input adj signal and ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:35 |
| S223 | 0 | 330/277.ccls. and (shunt or shunted or shuntting) near3 input adj signal near3 ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:33 |
| S224 | 0 | 330/277.ccls. and (shunt or shunted or shuntting) with input adj signal with ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:38 |
| S225 | 0 | 330/277.ccls. and (shunt or shunted or shuntting) same input adj signal same ground same (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:38 |
| S226 | 0 | 330/207P.ccls. and (shunt or shunted or shuntting) same input adj signal same ground same (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:07 |
| S227 | 0 | 455/117.ccls. and (shunt or shunted or shuntting) same input adj signal same ground same (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:39 |
| S228 | 137 | (shunt or shunted or shuntting) same input adj signal same ground same (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 14:46 |

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| S22 9 | 0 | S228 same (RF radio adj frequency) same power adj (amp or amplifiers or PA) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 14:40 |
| S23 0 | 7 | S228 same power adj (amp or amplifiers or PA) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 14:40 |
| S23 1 | 11 | (("4,079,150") or ("5,543,760") or ("5,929,709") or ("6,278,328") or ("6,476,677") or ("6,525,611")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 14:47 |
| S23 2 | 3 | 330/298.ccls. and (shunt or shunted or shuntting) and input adj signal and ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 14:50 |
| S23 3 | 1 | shunt same RF same signal same AC same ground same release | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 14:51 |
| S23 4 | 35 | shunt same RF same signal same ground same release | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 14:51 |
| S23 5 | 3 | ("6,603,335").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 14:53 |
| S23 6 | 1 | 330/207P.ccls. and (shunt or shunted or shuntting) adj3 input adj signal same ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:11 |
| S23 7 | 0 | 330/207P.ccls. and (shunt or shunted or shuntting) adj3 input adj signal same ground and (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:12 |
| S23 8 | 0 | 330/277.ccls. and (shunt or shunted or shuntting) adj3 input adj signal same ground and (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:12 |

| S23 9 | 0 | 330/298.ccls. and (shunt or shunted or shuntting) adj3 input adj signal same ground and (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:12 |
|---|---|---|---|---|---|---|
| S24 0 | 0 | 330/296.ccls. and (shunt or shunted or shuntting) adj3 input adj signal same ground and (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:12 |
| S24 1 | 0 | 455/117.ccls. and (shunt or shunted or shuntting) adj3 input adj signal same ground and (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:13 |
| S24 2 | 0 | 455/117.ccls. (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:13 |
| S24 3 | 0 | 330/277.ccls. (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:13 |
| S24 4 | 0 | 330/207.ccls. (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:13 |
| S24 5 | 0 | 330/298.ccls. (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:14 |
| S24 6 | 0 | 330/296.ccls. (releas$4) near3 (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:14 |
| S24 7 | 0 | 330/296.ccls. (releas$4) adj (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:14 |
| S24 8 | 0 | 330/298.ccls. (releas$4) adj (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:14 |

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| S249 | 8 | 330/298.ccls. (releas$4) same (input adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:16 |
| S250 | 2 | ("4,901,032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 15:22 |
| S251 | 2 | ("4,061,983").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 15:25 |
| S252 | 0 | ("4.420,724").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 15:25 |
| S253 | 4 | ("4,420,724").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 15:25 |
| S254 | 9 | 330/51.ccls. and (shunt or shunted or shuntting) and input adj signal and ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:37 |
| S255 | 1 | 330/207P.ccls. and (control$4) same input adj signal and (shunt) near3 ground and (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:40 |
| S256 | 0 | 330/207P.ccls. and (control$4) same input adj signal and (shunt) near3 ground near4 (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:45 |
| S257 | 0 | 330/277.ccls. and (control$4) same input adj signal and (shunt) near3 ground near4 (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:40 |
| S258 | 0 | 330/298.ccls. and (control$4) same input adj signal and (shunt) near3 ground near4 (releas$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:40 |

| S259 | 230562 | (control$4) same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 15:41 |
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| S260 | 167 | S259 same (shunt) near3 ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 15:41 |
| S261 | 11 | S260 same releas$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 15:42 |
| S262 | 0 | 330/207P.ccls. and release near3 ( input adj signal) same AC same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 15:46 |
| S263 | 1 | release near3 ( input adj signal) same AC same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 15:54 |
| S264 | 46 | release same( input adj signal) same AC same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 15:47 |
| S265 | 7 | ("3449684").URPN. | USPAT | OR | OFF | 2005/12/19 15:50 |
| S266 | 0 | 330/277.ccls. and release near3 ( input adj signal) same AC same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/19 16:11 |
| S267 | 3 | 330/207P.ccls. (gradua$6) and (ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 16:24 |
| S268 | 1 | 330/207P.ccls. (gradua$6) and (ramp) and input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 16:14 |
| S269 | 5 | 330/298.ccls. (gradua$6) and (ramp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/19 16:25 |

| S270 | 2 | ("6,476,677").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/19 17:50 |
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| S271 | 0 | RF adj shunt adj circuit$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 08:47 |
| S272 | 1 | (radio adj frequency or RF) adj shunt adj circuit$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 08:47 |
| S273 | 5617 | (radio adj frequency or RF) same shunt same circuit$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 08:48 |
| S274 | 2646 | S273 same (power adj amp or amplifiers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 08:48 |
| S275 | 23 | S274 same (input adj signal) same AC same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 08:49 |
| S276 | 0 | 330/207P.ccls. and (RF or radio adj frequency) same (shunt) same input adj signal same AC same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:50 |
| S277 | 1 | 330/207P.ccls. and (RF or radio adj frequency) same (shunt) same input adj signal same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:51 |
| S278 | 4 | 330/207P.ccls. and (RF or radio adj frequency) same (shunt) same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:53 |
| S279 | 2 | 330/207P.ccls. and (RF or radio adj frequency) same (shunt) same input adj signal same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:53 |

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| S280 | 2 | 330/207P.ccls. and (RF or radio adj frequency) same (shunt) same input same signal same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:53 |
| S281 | 0 | 330/298.ccls. and (RF or radio adj frequency) same (shunt) same input same signal same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:53 |
| S282 | 4 | 330/298.ccls. and (RF or radio adj frequency) same (shunt) same input same signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:55 |
| S283 | 0 | 330/298.ccls. and (RF or radio adj frequency) same (shunt) same input same signal same release$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:55 |
| S284 | 0 | 330/207P.ccls. and (RF or radio adj frequency) same (shunt) same input same signal same release$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:57 |
| S285 | 0 | 330/207P.ccls. and (collector) same multiple same swing | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 08:57 |
| S286 | 21 | 330/207P.ccls. and (collector) same swing | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 09:01 |
| S287 | 77 | 330/207P.ccls. shunt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 09:02 |
| S288 | 0 | 330/207P.ccls. shunt same linear same (MOSFET or NMOS or N-mos) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 09:03 |
| S289 | 0 | 330/298.ccls. shunt same linear same (MOSFET or NMOS or N-mos) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 09:03 |

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| S29 0 | 0 | 330/298.ccls. shunt$5 same linear$3 same (MOSFET or NMOS or N-mos) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 09:04 |
| S29 1 | 0 | 330/250.ccls. shunt$5 same linear$3 same (MOSFET or NMOS or N-mos) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 09:11 |
| S29 2 | 2 | ("6,369,626").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 11:12 |
| S29 3 | 2 | ("6,169,886").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 09:16 |
| S29 4 | 3 | ("6,603,335").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 09:33 |
| S29 5 | 2 | ("4,901,032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 09:54 |
| S29 6 | 2 | ("5,150,075").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 10:21 |
| S29 7 | 2 | ("6,525,611").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 10:29 |
| S29 8 | 17 | (("6,762,647") or ("4,420,724") or ("4,061,983") or ("4,496,910") or ("4,019,150") or ("5,003,271") or ("6,388,525")).PN. or (2003/0045251).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 10:30 |
| S29 9 | 2 | ("6,388,525").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 15:28 |

| S30 0 | 2 | 330/207P.ccls. and high same frequency same shunt same input same signal same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 11:19 |
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| S30 1 | 6 | 330/207P.ccls. and (high same frequency or AC) same shunt same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:11 |
| S30 2 | 3 | 330/207P.ccls. release input adj signal same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:12 |
| S30 3 | 0 | 330/207P.ccls. release near input adj signal same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:12 |
| S30 4 | 0 | 330/207P.ccls. release adj input adj signal same ground | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:13 |
| S30 5 | 0 | 330/207P.ccls. release adj input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:13 |
| S30 6 | 5 | 330/207P.ccls. release same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:14 |
| S30 7 | 4 | 330/298.ccls. release same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:14 |
| S30 8 | 0 | 445/117.ccls. release same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:14 |
| S30 9 | 0 | 455/117.ccls. release same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 12:16 |

| S310 | 2 | ("6,388,525").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 12:17 |
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| S311 | 2 | ("5,150,075").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 13:02 |
| S312 | 3 | 330/207P.ccls. and (gradua$5) same input adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 13:04 |
| S313 | 2 | ("4,901,032").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 15:29 |
| S314 | 0 | 330/207P.ccls. (NMOS or N-mos or N-channel) same switch same shunt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:33 |
| S315 | 15 | 330/207P.ccls. shunt same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:33 |
| S316 | 1 | 330/207P.ccls. shunt near switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:34 |
| S317 | 0 | 330/298.ccls. shunt near switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:34 |
| S318 | 13 | 330/298.ccls. shunt same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:35 |
| S319 | 0 | 330/298.ccls. shunt same switch same (NMOS or N-mos or N-channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:39 |

| S320 | 0 | 455/117.ccls. shunt same switch same (NMOS or N-mos or N-channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 15:40 |
|---|---|---|---|---|---|---|
| S321 | 150 | shunt same switch same (NMOS or N-mos or N-channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 15:40 |
| S322 | 10 | S321 same ( amp or amplifiers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 16:57 |
| S323 | 3 | ("6,603,335").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 17:57 |
| S324 | 0 | 330/207P.ccls. and (programm$4) same (peak) same (detect$5) same (threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 18:09 |
| S325 | 0 | 330/298P.ccls. and (programm$4) same (peak) same (detect$5) same (threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 18:06 |
| S326 | 556 | (programm$4) same (peak) same (detect$5) same (threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 18:07 |
| S327 | 556 | (programm$4) same (peak) same (detect$5) same (threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 18:07 |
| S328 | 108 | S327 same (amp or amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 18:08 |
| S329 | 22 | S328 same (power) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 18:08 |

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| S33 0 | 1 | S329 same (RF or radio adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/20 18:08 |
| S33 1 | 2 | 330/207P.ccls. and (programm$4) same (peak) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/20 18:10 |
| S33 2 | 0 | 330/207P. "ccls." and programmable and threshold and voltage and peak and detect$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:36 |
| S33 3 | 0 | 330/279. "ccls." and programmable and current and source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:50 |
| S33 4 | 0 | 330/207. "ccls." and programmable and current and source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:38 |
| S33 5 | 0 | 330/207."ccls." and programmable and current and source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:38 |
| S33 6 | 101865 | programmable and current and source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:38 |
| S33 7 | 6160 | programmable same current same source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/21 10:38 |
| S33 8 | 571 | S337 same variable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/21 10:39 |
| S33 9 | 5 | S338 same (bias biasing biased) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2005/12/21 10:41 |

| S340 | 1 | 330/298.ccls. and programmable same current same source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:44 |
|---|---|---|---|---|---|---|
| S341 | 0 | 330/298.ccls. and programmable same current same source same variable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:56 |
| S342 | 0 | 330/298.ccls. and programmable same variable same voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:46 |
| S343 | 137 | 330/298.ccls. and variable same voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:45 |
| S344 | 2 | S343 and programmable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:45 |
| S345 | 19 | 330/298.ccls. and programmable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:51 |
| S346 | 70 | 330/298.ccls. and peak and detect$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:51 |
| S347 | 0 | S346 and programmble and current adj source | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:51 |
| S348 | 0 | S346 and programmble and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:51 |
| S349 | 0 | S346 and programmble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:52 |

| S35 0 | 4 | S346 and programmable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 10:52 |
|---|---|---|---|---|---|---|
| S35 1 | 15 | 455/117.ccls. and programmable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:00 |
| S35 2 | 0 | 455/117.ccls. and programmable and peak and detect$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:01 |
| S35 3 | 4 | 330/298.ccls. and programmable and peak and detect$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:02 |
| S35 4 | 2 | 330/298.ccls. and programmable and peak near3 detect$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:13 |
| S35 5 | 2 | ("5,150,075").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/21 11:17 |
| S35 6 | 3 | ("6,603,335").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/21 11:17 |
| S35 7 | 0 | 330/279. "ccls." and shunt and switch and exponent$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:50 |
| S35 8 | 0 | 330/279. "ccls." and shunt and exponent$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:50 |
| S35 9 | 0 | 330/207P. "ccls." and shunt and exponent$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 11:51 |

| S36 0 | 0 | 330/298. "ccls." and shunt and exponent$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/12/21 14:33 |
|---|---|---|---|---|---|---|
| S36 1 | 2 | ("6,525,611").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/21 14:34 . |